# Liaoyuan A Hu

List of Publications by Year
in descending order



| | | | |
|---|---|---|---|
| 11 papers | 307 citations | 1040056 9 h-index | 1281871 11 g-index |
| 12 all docs | 12 docs citations | 12 times ranked | 465 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Structural Basis for Apelin Control of the Human Apelin Receptor. Structure, 2017, 25, 858-866.e4. | 3.3 | 96 |
| 2 | Structure-guided discovery of a single-domain antibody agonist against human apelin receptor. Science Advances, 2020, 6, eaax7379. | 10.3 | 50 |
| 3 | Cryo-EM structures of PAC1 receptor reveal ligand binding mechanism. Cell Research, 2020, 30, 436-445. | 12.0 | 35 |
| 4 | Cardiovascular response to small-molecule APJ activation. JCI Insight, 2020, 5, . | 5.0 | 29 |
| 5 | Function-based high-throughput screening for antibody antagonists and agonists against G protein-coupled receptors. Communications Biology, 2020, 3, 146. | 4.4 | 21 |
| 6 | Different conformational responses of the Î²2-adrenergic receptor-Gs complex upon binding of the partial agonist salbutamol or the full agonist isoprenaline. National Science Review, 2021, 8, . | 9.5 | 20 |
| 7 | Molecular Mechanism for Ligand Recognition and Subtype Selectivity of Î±2C Adrenergic Receptor. Cell Reports, 2019, 29, 2936-2943.e4. | 6.4 | 17 |
| 8 | Structural insights into ligand recognition and selectivity of somatostatin receptors. Cell Research, 2022, 32, 761-772. | 12.0 | 16 |
| 9 | GPCR structure and function relationship: identification of a biased apelin receptor mutant. Biochemical Journal, 2018, 475, 3813-3826. | 3.7 | 15 |
| 10 | Loss of APJ mediated Î²-arrestin signalling improves high-fat diet induced metabolic dysfunction but does not alter cardiac function in mice. Biochemical Journal, 2020, 477, 3313-3327. | 3.7 | 5 |
| 11 | APLNR Regulates IFN-Î³ signaling via Î²-arrestin 1 mediated JAK-STAT1 pathway in melanoma cells. Biochemical Journal, 2022, 479, 385-399. | 3.7 | 2 |